

VEEAM

Exam Questions VMCE2021

Veeam Certified Engineer 2021



NEW QUESTION 1

- (Exam Topic 1)

At 18:00, after a Windows update installation, a VM is stuck in an infinite boot loop. The VM is configured as follows.

Platform	VMware vSphere
Application	SQL Server
Disk 1 (OS)	60 GB, CBT enabled
Disk 2 (DATA)	400 GB, CBT enabled

The last backup was created at 01:00. Choose the recovery approach that provides the lowest RTO with the least data loss.

- A. Instant VM Recovery with quick rollback
- B. Instant VM Recovery
- C. VM disk recovery with quick rollback of Disk 1
- D. Virtual disk restore of Disk 1

Answer: D

Explanation:

https://helpcenter.veeam.com/archive/backup/110/vsphere/incremental_restore.html

NEW QUESTION 2

- (Exam Topic 1)

An administrator accidentally deleted a database. Veeam Explorer for Oracle will be used to restore it back. What is the fastest option to get the database online again?

- A. Use the "Compare with Production" option to restore only the missing objects back to the Oracle database.
- B. Use the "Point in Time" option to specify the point in time you want to restore the Oracle database to.
- C. Use the "Quick Rollback" option to perform a restore of the changed blocks of the Oracle database file.
- D. Use the "Instant Recovery" option and restore it in the background.

Answer: D

Explanation:

<https://www.veeam.com/blog/v11-instant-recovery-reinvented.html?ad=in-text-link>

According to the Veeam Backup Explorers guide¹, Veeam Explorer for Oracle allows you to restore and export Oracle databases and Data Guard from backups created by Veeam Backup & Replication or Veeam Plug-in for Oracle RMAN¹. You can use different restore options depending on your scenario¹.

If you want to restore a deleted database back to its original location, you can use the Instant

Recovery option. This option allows you to quickly mount a database from a backup file and start it on an

Oracle server without performing a full restore¹. The database will be restored in the background while it is online and accessible¹. This option provides the fastest recovery time objective (RTO) for restoring a deleted database¹.

NEW QUESTION 3

- (Exam Topic 1)

Which of the following backup types are valid for both Veeam Agent for Microsoft Windows and Veeam Agent for Linux? (Choose two.)

- A. Snapshot-level backup
- B. File-level backup
- C. Personal files backup
- D. Volume-level backup
- E. OS-level backup

Answer: BD

Explanation:

https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup_job_mode.html?ver=60

NEW QUESTION 4

- (Exam Topic 1)

A planned failover of three VMs has just completed successfully, starting the VMs at the disaster recovery location. What next actions are available for the failover plan?

- A. Undo, Start, Copy, Delete
- B. Cancel, Start, Edit, Delete
- C. Cancel, Start, Copy, Delete
- D. Undo, Start, Edit, Delete

Answer: D

Explanation:

https://helpcenter.veeam.com/archive/backup/110/vsphere/failover_plan_undo.html

According to the Veeam Backup & Replication user guide¹, a failover plan is a set of rules that defines how VMs must be failed over to their replicas¹. You can create and run failover plans for regular replicas and CDP replicas¹.

After you run a failover plan, you can perform the following actions on it²:

- > Undo — reverts VMs in the failover plan back to their original state at the production site².
- > Start — runs the failover plan again if you need to repeat the failover operation for some reason².
- > Edit — modifies the settings of the failover plan, such as adding or removing VMs, changing their order or time delay¹.

➤ Delete — removes the failover plan from Veeam Backup & Replication. This does not affect the VM replicas that are used by the plan1.

NEW QUESTION 5

- (Exam Topic 1)

A daily backup job for seven Hyper-V VMs has been configured at the main site, keeping 14 days' worth of backup files. They want to get a copy of the VM backups to a repository at the disaster recovery site. They want to keep six months' worth of backup files at the disaster recovery site. They also need to be able to restore the VMs to any given day within two months and any given week within six months. How should a backup copy job be configured to meet these requirements?

- A. Use periodic copy (pruning) mode, keeping 180 days of retention.
- B. Use immediate copy (mirroring) mode, keeping 62 days of retention and 26 weekly GFS restore points.
- C. Use periodic copy (pruning) mode, keeping 62 days of retention and six monthly GFS restore points.
- D. Use immediate copy (mirroring) mode, keeping 180 days of retention.

Answer: B

Explanation:

According to the Veeam Backup & Replication user guide¹, you can use a long-term retention policy (GFS) keep backup files for longer periods of time. GFS stands for grandfather-father-son and refers to a backup rotation scheme that allows you to create weekly, monthly, quarterly and yearly restore points². Therefore, if you want to be able to restore the VMs to any given day within two months and any given week within six months, you should use a GFS policy with 62 days of retention and 26 weekly GFS restore points. The simplest configuration would be an immediate copy (mirroring) mode with these settings (option B).

NEW QUESTION 6

- (Exam Topic 1)

A backup administrator decided to move the Veeam Backup & Replication server and configuration database to new servers. Which configuration restore mode should be used?

- A. Migrate
- B. Planned failover
- C. Restore
- D. Failover plan

Answer: A

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/vbr_config_migrate.html?ver=120#step5

NEW QUESTION 7

- (Exam Topic 1)

A director in a business needs a folder of traffic photos restored from a Linux server. This machine sits on a VM backed up by Veeam Backup & Replication. The director wants the files restored to their original location and does not want to lose the original files. What functionality will be used to restore the folder using the Veeam Guest OS restoration wizard?

- A. Restore the files using the "Versioning" function
- B. Files will be prefixed with numbers (1-, 2-, 3-, etc.).
- C. Restore the files using the "Overwrite" function
- D. Original files will be renamed.
- E. Restore the files using the "Hold" function
- F. The director can then determine the status of the original and restored files.
- G. Restore the files using the "Keep" function
- H. Original files will be untouched

Answer: D

Explanation:

According to the Veeam Backup & Replication user guide¹, you can use the Guest File Restore wizard to restore files and folders from VM guest OSes that run Linux or other non-Windows OSes². The wizard allows you to choose how to handle situations when restored files already exist on the target location³. Therefore, if you want to restore the folder of traffic photos to their original location and do not want to lose the original files, you should use the Keep function. This function will preserve original files on disk and will not overwrite them with restored files

NEW QUESTION 8

- (Exam Topic 1)

An administrator is asked to change a backup copy job from periodic mode to immediate mode. How can this be accomplished?

- A. Edit the original job and select immediate copy mode from the job settings.
- B. Enable immediate mode on the repository.
- C. Create a new copy job and delete the original job.
- D. Modify the job settings on the proxy performing the copy job.

Answer: A

Explanation:

According to the Veeam Backup & Replication User Guide¹, you can change the backup copy mode by editing backup copy job settings. However, this is only possible if the backup copy job has true per-machine backup storage format.

NEW QUESTION 9

- (Exam Topic 1)

What does Veeam's Secure Restore functionality ensure during restores?

- A. 256-bit AES encryption of in-flight data
- B. Anti-virus scanning
- C. Custom ports for in-flight data
- D. Proper rights/permissions on files and folders

Answer: B

NEW QUESTION 10

- (Exam Topic 2)

Veeam Backup & Replication supports which of the following NetApp Data ONTAP modes?

- A. Only NatApp EDGE in 7-Mode
- B. Clustered Data ONTAP only
- C. Both 7-mode and Clustered Data ONTAP
- D. 7-mode only

Answer: C

NEW QUESTION 10

- (Exam Topic 2)

A backup job has been configured to keep three incremental restore points and a synthetic full backup each Sunday. More restore points are present on disk than what was configured in the job. Why?

- A. The old restore points will be deleted after the new restore chain meets the retention policy
- B. Per VM backup files are enabled in the repository
- C. The other restore points are weekly full backups, this is expected
- D. You should configure the synthetic full backup to be performed on Mondays instead

Answer: A

Explanation:

https://helpcenter.veeam.com/docs/backup/vsphere/synthetic_full_hiw.html?ver=100 Reference: <https://www.veeam.com/kb1990>

NEW QUESTION 12

- (Exam Topic 2)

A backup administrator has replicated a virtual machine between two Hyper-V hosts and now would like to automatically verify the recoverability of the replica. What would they need to do?

- A. It is not supported to perform SureBackup replica testing for Hyper-V
- B. Create a virtual switch with no uplinks and start the virtual machine connected to the new switch
- C. Create a virtual lab and an application group; create a SureBackup for the replica job and run it once a day
- D. Start the virtual machine manually using the universal application item recovery wizard

Answer: A

NEW QUESTION 15

- (Exam Topic 2)

Select the correct description of a synthetic full backup.

- A. A synthetic full backup will generate a new VBK file by getting data from the hypervisor
- B. A synthetic full backup combines a VIB file with one or more VBK files from a repository to generate a new VBK file
- C. A synthetic full backup combines a VBK file with one or more VIB files from a repository to generate a new VBK file
- D. A synthetic full backup will update the existing VBK with data from the hypervisor and generate a new VRB file

Answer: A

Explanation:

Reference: https://helpcenter.veeam.com/docs/backup/hyperv/synthetic_full_backup.html?ver=100

NEW QUESTION 16

- (Exam Topic 2)

Which of the following statements is true regarding the Veeam Backup & Replication integration with supported Storage Systems for VMware vSphere are true? (Choose three).

- A. On storage accesses through NFS, VMs with snapshots will be skipped from Backup from Storage Snapshots
- B. Veeam Backup & Replication can backup virtual machines from a supported secondary storage array
- C. On storage accessed through NFS, VMs with snapshots can be protected with Backup from Storage Snapshots
- D. When Backup from Storage Snapshots is performed, VMware snapshot is never utilized
- E. Enabling Backup from Storage Snapshots for all backup jobs are not recommended

Answer: ABE

NEW QUESTION 19

- (Exam Topic 2)

Which of the following is a backup mode that can be configured within a Veeam Agent for Windows backup job?

- A. Reverse incremental with periodic active full backups
- B. Forward incremental and reverse incremental, both with optional periodic synthetic and/or active full backups
- C. Forward incremental with optional periodic synthetic and/or active full backups
- D. Reverse incremental with optional periodic synthetic full backups

Answer: C

Explanation:

https://helpcenter.veeam.com/docs/agentforwindows/userguide/backup_chain.html?ver=40

NEW QUESTION 20

- (Exam Topic 2)

The backup administrator configured replication for a VM from Data Center 1 to Data Center 2, which runs every day at 1 a.m. A power surge takes out Data Center 1 at 7 a.m. and the administrator fails over the replica at 8 a.m. When the power comes back on, the administrator performs the "failback" action at 2 p.m. and checks the state of the original VM. They recognize that not all data is available. What is missing?

- A. Data from 1 a.
- B. to 7 a.m.
- C. Data from 1 a.
- D. to 2 p.m.
- E. Data from 8 a.
- F. to 2 p.m.
- G. Data from 7 a.
- H. to 8 a.m.

Answer: A

Explanation:

<https://helpcenter.veeam.com/docs/backup/vsphere/failback.html?ver=100>

NEW QUESTION 25

- (Exam Topic 2)

Which of the following statements are true when comparing a synthetic full backup to an active full backup on an NTFS-based backup repository? Choose two options.

- A. If the backup repository performance is weak, creating synthetic full backups is the best choice.
- B. Synthetic full backups consume more network bandwidth.
- C. Synthetic full backups impose less load on the production environment.
- D. In terms of content and retention, the synthetic full backup file is identical to an active full backup file.
- E. Synthetic full backups are always best when launched on a dedupe appliance.
- F. The synthetic full backup file has a .vsb extension, whereas the active full backup has a .vbk extension.

Answer: CD

NEW QUESTION 26

- (Exam Topic 2)

What additional metadata is captured when backing up vCloud Director VMs?

- A. vDC metadata
- B. Replica metadata
- C. vApp metadata
- D. Backup metadata

Answer: C

NEW QUESTION 30

- (Exam Topic 2)

Which of the following Veeam Backup & Replication jobs can use integration with secondary arrays as a data source?

- A. Backup
- B. VM copy
- C. Replication
- D. Tape backup

Answer: A

NEW QUESTION 31

- (Exam Topic 2)

A financial company is looking for a new backup application. One of their main requirements is the ability to have quick access to their backup data. What features in Veeam Backup & Replication support the rapid availability of data, applications and VMs? (Choose three.)

- A. Full VM recovery without quick rollback
- B. Microsoft SQL database, and Oracle database publishing

- C. Instant VM Recovery
- D. Instant VM disk recovery
- E. Bare metal recovery
- F. Restore to Amazon EC2

Answer: BCD

NEW QUESTION 36

- (Exam Topic 2)

Which procedure is used to finalize replica failback?

- A. Migrate to production
- B. VMware Storage vMotion
- C. Replica failback does not need to be finalized
- D. Commit failback
- E. Quick Migration

Answer: D

NEW QUESTION 37

- (Exam Topic 2)

An Availability engineer has configured Veeam Backup & Replication to replicate a mission critical VM to a DR site on an hourly basis and with 24 restore points. The production site has suffered a storage failure and needs to bring up the mission critical machine as soon as possible. Which step should the Availability engineer do next?

- A. Create a failover plan
- B. Failover to the replica VM
- C. Failback of the replica VM
- D. Planned failover to me replica VM

Answer: B

NEW QUESTION 38

- (Exam Topic 2)

Veeam ONE has been installed in the typical data collection mode and historical data is the installation default. A customer is looking at performance charts in Veeam ONE Monitor.

When troubleshooting a performance event from two days ago, what will they see?

- A. Aggregated data every two hours
- B. Data does not exist
- C. Raw data every 20 seconds
- D. Aggregated data every five minutes

Answer: D

Explanation:

https://helpcenter.veeam.com/docs/one/deployment/data_collection_modes.html?ver=100

NEW QUESTION 43

- (Exam Topic 2)

If your mount server is running Windows Server 2019 and you are performing a secure restore, which statement below is true?

- A. NTFS is the only format supported.
- B. RefS will be skipped.
- C. RefS will be processed and scanned.
- D. Storage Spaces disks will be processed and scanned.

Answer: A

NEW QUESTION 44

- (Exam Topic 2)

Your company is using Veeam ONE to monitor VM performance in real time. An end user has called to complain about the performance of a VM and has asked you to investigate the cause of the issue. Where in Veeam ONE do you go to view real time VM metrics?

- A. In the monitor client under the infrastructure view
- B. In the reporter portal in the workspace tab, VM performance
- C. In the monitor client under the data protection view
- D. In the reporter portal in the dashboards tab, VM performance dashboard

Answer: A

Explanation:

Reference: <https://www.veeam.com/blog/monitoring-vmware-hyperv-environment.html>

NEW QUESTION 46

- (Exam Topic 2)

Which of the following Veeam Backup & Replication jobs can utilize storage snapshots on VMware vSphere? Choose two options.

- A. Replication
- B. Backup copy
- C. VeeamZIP
- D. Backup
- E. Tape
- F. VM copy

Answer: AD

NEW QUESTION 49

- (Exam Topic 2)

Which of the following actions generated the data recommended when raising a technical support case regarding a failed Veeam Backup & Replication job?

- A. Export the license file from the configuration options in Enterprise Manager
- B. Generate a zip of log files using the Support Information function
- C. Take a Veeam Zip of the VMs involved in the failed job
- D. Manually run a Veeam configuration backup to generate a new .bco file

Answer: B

NEW QUESTION 53

- (Exam Topic 2)

A NAS backup job has been configured within Veeam Backup & Replication, and is completing successfully, but restore operations have been failing for the last few days. What is causing the failure?

- A. The backup repository is sealed
- B. The server was added by using an IQN alias which is unable to be resolved
- C. The credentials added to the share are not allowed read-write access to the share, directories or files
- D. The cache repository assigned for this file share is unavailable for restore operations

Answer: C

Explanation:

If you must specify user credentials to access the shared folder, select the This share requires access credentials check box. From the Credentials drop-down list, select a credentials record for a user account that has Full Control permissions on the shared folder. To access the SMB share, you must use an account that meets either of the following requirements: If you only plan to back up the share, you can use an account with read-only permissions. If you plan not only to back up the share, but also to restore files to it, use an account with read/write permissions.

https://helpcenter.veeam.com/docs/backup/vsphere/file_share_backup_smb_share_path_credentials.html?ver=1

NEW QUESTION 56

- (Exam Topic 2)

You use datastores as the source for your backup jobs. Some VM backups are consuming too much repository disk space. They have backup files created by multiple backup jobs. What could be the reason? (Choose two.)

- A. VMware Storage DRS (Distributed Resource Scheduler) moved VMs to different datastores
- B. Jobs are configured as per VM and these particular VM's need more fulls
- C. VM retention is set to do full backups more often than others in the job
- D. The VM is in a backup chain and trapped inside a single retention file
- E. The VMs were moved to different datastores manually

Answer: BE

NEW QUESTION 60

- (Exam Topic 2)

Which Veeam Backup & Replication job type offers the shortest recovery time objective (RTO)?

- A. Backup copy
- B. Backup to tape
- C. Replication
- D. File to tape

Answer: C

Explanation:

Reference: <https://helpcenter.veeam.com/docs/backup/vsphere/replication.html?ver=100>

NEW QUESTION 64

- (Exam Topic 2)

Which of the following is an additional database restore option in the Veeam Explorer for Microsoft SQL?

- A. RECOVERY
- B. NORECOVERY
- C. SIMPLE
- D. ACTIVE

Answer: A

NEW QUESTION 68

- (Exam Topic 2)

Which of the following scenarios properly applies the 3-2-1 rule to backup jobs?

- A. Use a backup job to back up to a Scale-out Backup Repository configured with capacity tier using AWS S3 and enable move mode
- B. Use a backup job to back up to a local repository; perform a backup copy job to a repository in another location
- C. Use backup jobs to back up directly to tape; ship the tapes off site
- D. Use a backup job to back up to a local repository; perform a backup copy job to the same repository

Answer: D

NEW QUESTION 72

- (Exam Topic 2)

which actions can be used to locate the exact extent of a scale-out backup repository containing a particular VM's backup data? Choose two options.

- A. Check scale out backup repository settings
- B. Check the specific VM in the job statistics
- C. Check the inventory view for the specific VM
- D. Open the extent repositories manually
- E. Check backup proxy settings

Answer: AB

NEW QUESTION 73

- (Exam Topic 2)

A customer currently has one backup job that runs every four hours to backup their VMs in a transaction consistent state. Which job configuration will keep all restore points safe in case the primary site and backups go down while still being able to do a point-in-time recovery of a SQL database from the backups on the second site?

- A. Configure a second VM backup job and schedule it to copy every four hours, starting at midnight, to a repository on the second site
- B. Configure a backup copy job in mirror mode, to a repository on the second site
- C. Configure a backup copy job in pruning mode and schedule it to copy every four hours, starting at midnight, to a repository on the second site
- D. Configure a backup copy job in pruning mode and have it copy data every day, starting at midnight, to a repository on the second site

Answer: B

Explanation:

<https://www.running-system.com/veeam-version-10-favorite-features-immediate-copy-mirroring/>

NEW QUESTION 77

- (Exam Topic 2)

A customer has a physical proxy configured for Direct Storage Access without failover to network mode. The backup fails. What could be the issue?

- A. The disks being processed are IDE and/or SATA
- B. The datastores are properly zoned and exposed to the proxy server but in read-only mode
- C. The storage is not added into the storage infrastructure, inside the backup and replication console
- D. Write access has not been enabled on the SAN
- E. One or more of the VM disk(s) are on Wols

Answer: E

Explanation:

Reference: https://helpcenter.veeam.com/docs/backup/vsphere/direct_san_access.html?ver=100

NEW QUESTION 79

- (Exam Topic 2)

Which of the following options describe the Veeam Data Mover Service function most accurately? Choose two options.

- A. Analyzes the system and installs and upgrades necessary components and services, depending on the role selected for the server
- B. Copies VM files
- C. Reduces load on the network and helps speed up restores
- D. Performs data compression, deduplication and data transfer

Answer: BD

NEW QUESTION 82

- (Exam Topic 2)

Which of these repository types CANNOT be an extent of a scale-out backup repository? Choose two options.

- A. A deduplicating storage appliance
- B. A Windows server
- C. A Cloud Connect cloud repository
- D. A shared folder (CIFS/SMB share)
- E. Another scale out repository
- F. A Linux Server

Answer:

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NEW QUESTION 86

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